

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.95	0.69	0.95	0.65	0.96	0.68

Model Results

Predicted value: 9.37

Global applicability domain: Inside

Local applicability domain index: 9.70e-01

Confidence level: 5.13e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>p,p'-DDD</div> <div>Measured: 10.1</div> <div>Predicted: 9.39</div>	<div>Image not found</div> <div>Heptachlor</div> <div>Measured: 7.64</div> <div>Predicted: 9.23</div>	<div>Image not found</div> <div>1,2,3,4,6,7-Hexachloronaphthalene</div> <div>Measured: 9.58</div> <div>Predicted: 9.78</div>
<div>Image not found</div> <div>1,2,3,5,6,7-Hexachloronaphthalene</div> <div>Measured: 9.58</div> <div>Predicted: 9.78</div>	<div>Image not found</div> <div>2,3,7,8-Tetrachlorodibenzo-p-dioxin</div> <div>Measured: 10.1</div> <div>Predicted: 9.72</div>	